

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1840	382/115-118.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/12 08:57
L2	6316	((face facial) near3 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 08:58
L3	213	((visual near3 speech) near3 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 08:59
L4	30	((visual near3 speech) near3 recogni\$5) same mouth	US-PGPUB; USPAT	OR	ON	2007/04/12 08:59
L5	22	2 and 4	US-PGPUB; USPAT	OR	ON	2007/04/12 09:44
L6	0	"7209883".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:44
L7	1	"7165029".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:45
L8	1	"7089185".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:45
L9	1	"7171043".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:45
L10	1	"7203368".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:45
L11	1	"6184926".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:46
L12	1	"7203669".pn.	US-PGPUB; USPAT	OR	ON	2007/04/12 09:46
L13	6	7 8 9 10 11 12	US-PGPUB; USPAT	OR	ON	2007/04/12 10:21
L14	731	382/118.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/12 11:54
L15	184	382/116.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/12 10:21
L16	61	14 and (speech near3 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 10:22
L17	341	14 and ((audio-visual visual) speech near3 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 10:23
L18	8	14 and ((audio-visual visual) near3 speech near3 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 10:23
L19	8	14 and ((audio-visual visual) near5 speech near5 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 10:28
L20	5	14 and ((audio-visual visual) near5 speak\$4 near5 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 10:28
L21	7	14 and (hidden near3 markov) and (DCT (discrete near3 cosine))	US-PGPUB; USPAT	OR	ON	2007/04/12 11:55

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L22	7	14 and (hidden near3 markov) and (DCT (discrete near3 cosine)) and vector	US-PGPUB; USPAT	OR	ON	2007/04/12 12:18
L23	0	14 and (viterbi near3 decod\$4 near3 algorithm)	US-PGPUB; USPAT	OR	ON	2007/04/12 12:20
L24	10	14 and (viterbi)	US-PGPUB; USPAT	OR	ON	2007/04/12 12:48
L25	1142	((speech speak\$4) near3 recogni\$5) and ((face facial) near3 recogni\$5)	US-PGPUB; USPAT	OR	ON	2007/04/12 12:49
L26	6	((speech speak\$4) near3 recogni\$5) and ((face facial) near3 recogni\$5)) near5 (markov HMM)	US-PGPUB; USPAT	OR	ON	2007/04/12 12:53
L27	6	((speech speak\$4) near3 recogni\$5) near5 (markov hmm)) and (((face facial) near3 recogni\$5)) near5 (markov HMM)	US-PGPUB; USPAT	OR	ON	2007/04/12 12:53
L28	214	((speech speak\$4) near3 recogni\$5) and ((face facial) near3 recogni\$5)) and (markov HMM)	US-PGPUB; USPAT	OR	ON	2007/04/12 12:54
L29	68	28 and ((audio speech) near5 (markov HMM))	US-PGPUB; USPAT	OR	ON	2007/04/12 12:55
L30	48	28 and ((imag\$4 face facial) near5 (markov HMM))	US-PGPUB; USPAT	OR	ON	2007/04/12 12:55
L31	15	29 and 30	US-PGPUB; USPAT	OR	ON	2007/04/12 13:06
L32	20	((audio near2 visual) near5 recogni\$5) same (markov hmm)	US-PGPUB; USPAT	OR	ON	2007/04/12 13:34
L33	5184	704/231-257.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/12 13:34

Day : Thursday  
Date: 4/12/2007

Time: 09:38:23

# PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = NEFIAN

First Name = ARA

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10142447</a>	7209883	150	05/09/2002	FACTORIAL HIDDEN MARKOV MODEL FOR AUDIOVISUAL SPEECH RECOGNITION	NEFIAN, ARA V.
<a href="#">10142468</a>	7165029 ✓	150	05/09/2002	COUPLED HIDDEN MARKOV MODEL FOR AUDIOVISUAL SPEECH RECOGNITION	NEFIAN, ARA V.
<a href="#">10143459</a> ✓	Not Issued	41	05/09/2002	Face recognition procedure useful for audiovisual speech recognition	NEFIAN, ARA V.
<a href="#">10180042</a>	7089185 ✓	150	06/27/2002	EMBEDDED MULTI-LAYER COUPLED HIDDEN MARKOV MODEL	NEFIAN, ARA V.
<a href="#">10269333</a>	7171043 ✓	150	10/11/2002	IMAGE RECOGNITION USING HIDDEN MARKOV MODELS AND COUPLED HIDDEN MARKOV MODELS	NEFIAN, ARA V.
<a href="#">10269381</a>	7203368 ✓	150	01/06/2003	EMBEDDED BAYESIAN NETWORK FOR PATTERN RECOGNITION	NEFIAN, ARA V.
<a href="#">10358761</a> ✓	Not Issued	93	02/04/2003	GESTURE DETECTION FROM DIGITAL VIDEO IMAGES	NEFIAN, ARA V.
<a href="#">10813642</a> ✓	Not Issued	30	03/30/2004	Techniques for separating and evaluating audio and video source data	NEFIAN, ARA V.
<a href="#">10815288</a>	Not Issued	41	03/31/2004	Program phase detection for dynamic optimization	NEFIAN, ARA V.
<a href="#">10881147</a>	Not Issued	30	06/30/2004	Method and system for hot path detection and dynamic optimization	NEFIAN, ARA V.
<a href="#">11320201</a>	Not Issued	30	12/28/2005	Inserting prefetch instructions based on hardware monitoring	NEFIAN, ARA V.
<a href="#">11604114</a>	Not	30	11/22/2006	Methods and apparatus for	NEFIAN, ARA V.

	Issued			retrieving images from a large collection of images	
<u>08859902</u>	6184926 ✓	150	05/21/1997	SYSTEM AND METHOD FOR DETECTING A HUMAN FACE IN UNCONTROLLED ENVIRONMENTS	NEFIAN, ARA V.
<u>60031816</u>	Not Issued	159	11/26/1996	REAL-TIME DETECTION OF HUMAN FACES IN UNCONTROLLED ENVIRONMENTS	NEFIAN, ARA V.
<u>10326368</u> ✓	Not Issued	61	12/19/2002	Visual feature extraction procedure useful for audiovisual continuous speech recognition	NEFIAN, ARA VICTOR
<u>10349872</u> ✓	Not Issued	71	01/23/2003	Dynamic gesture recognition from stereo sequences	NEFIAN, ARA VICTOR
<u>10392709</u> ✓	Not Issued	71	03/19/2003	Coupled hidden markov model (CHMM) for continuous audiovisual speech recognition	NEFIAN, ARA VICTOR
<u>10631424</u> ✓	Not Issued	30	07/31/2003	Audio-visual speaker identification using coupled hidden markov models	NEFIAN, ARA VICTOR
<u>10649070</u> ✓	Not Issued	71	08/27/2003	Identifying a speaker using markov models	NEFIAN, ARA VICTOR
<u>60371178</u>	Not Issued	159	04/09/2002	Dynamic gesture recognition from stereo sequences	NEFIAN, ARA VICTOR

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="NEFIAN"/>	<input type="text" value="ARA"/>	<input type="button" value="Search"/>

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# **PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = LIANG

First Name = LU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>11601547</u>	Not Issued	17	11/16/2006	Uncoupled vibron attenuation/isolation devices	LIANG, LU
<u>10143459</u> ✓	Not Issued	41	05/09/2002	Face recognition procedure useful for audiovisual speech recognition	LIANG, LU HONG
<u>10649070</u> ✓	Not Issued	71	08/27/2003	Identifying a speaker using markov models	LIANG, LU HONG
<u>09754194</u>	Not Issued	161	01/05/2001	Magnetic recording medium having improved overwrite and SNR characteristics	LIANG, LU-MEI
<u>11134243</u>	Not Issued	30	05/20/2005	Methods for preparing and analyzing cells having chromosomal abnormalities	LIANG, LUCHUAN
<u>11609269</u>	Not Issued	25	12/11/2006	EXTENDED DEPTH OF FIELD IMAGING FOR HIGH SPEED OBJECT ANALYSIS	LIANG, LUCHUAN
<u>60748888</u>	Not Issued	159	12/09/2005	Extended depth of field configuration of a time delay integration imaging system	LIANG, LUCHUAN
<u>11679136</u>	Not Issued	19	02/26/2007	SHOOTING GALLERY DEVICES AND METHODS	LIANG, LUCIE
<u>10326368</u> ✓	Not Issued	61	12/19/2002	Visual feature extraction procedure useful for audiovisual continuous speech recognition	LIANG, LUHONG
<u>10392709</u> ✓	Not Issued	71	03/19/2003	Coupled hidden markov model (CHMM) for continuous audiovisual speech recognition	LIANG, LUHONG
<u>10401125</u>	<u>7203669</u> ✓	150	03/26/2003	DETECTOR TREE OF BOOSTED CLASSIFIERS FOR REAL-TIME OBJECT DETECTION AND TRACKING	LIANG, LUHONG
<u>10576172</u>	Not	19	01/01/0001	Error diffusion for display frame	LIANG, LUHONG

	Issued			buffer power saving	
<u>10631424</u> ✓	Not Issued	30	07/31/2003	Audio-visual speaker identification using coupled hidden markov models	LIANG, LUHONG
<u>11694778</u>	Not Issued	19	01/01/0001	NON-OVERLAP REGION BASED AUTOMATIC GLOBAL ALIGNMENT FOR RING CAMERA IMAGE MOSAIC	LIANG, LUHONG
<u>60456033</u>	Not Issued	159	03/17/2003	Detector tree of boosted classifiers for real-time object detection and tracking	LIANG, LUHONG
<u>10308203</u>	Not Issued	89	12/02/2002	Casement window hinge	LIANG, LUKE
<u>10932883</u>	Not Issued	41	09/02/2004	Window lock keeper	LIANG, LUKE
<u>10971566</u>	<u>7159908</u>	150	10/22/2004	WINDOW SASH LATCH	LIANG, LUKE
<u>11071567</u>	Not Issued	41	03/03/2005	Muntin bar clip	LIANG, LUKE
<u>11133136</u>	Not Issued	95	05/19/2005	WINDOW ROTATING HANDLE	LIANG, LUKE
<u>11157146</u>	Not Issued	71	06/20/2005	Tilt latch	LIANG, LUKE
<u>11252358</u>	Not Issued	160	10/17/2005	Sash lock with condition signal	LIANG, LUKE
<u>11254065</u>	Not Issued	41	10/19/2005	Sash lock with condition signal	LIANG, LUKE
<u>11388786</u>	Not Issued	30	03/24/2006	Night latch	LIANG, LUKE
<u>11390467</u>	Not Issued	30	03/28/2006	Night latch for sliding member	LIANG, LUKE
<u>11402213</u>	Not Issued	30	04/11/2006	Button mechanism for a night latch for a sliding member	LIANG, LUKE
<u>11447667</u>	Not Issued	30	06/06/2006	Mortise lock for a sliding door	LIANG, LUKE
<u>11454159</u>	Not Issued	30	02/15/2006	Multi-point sliding door latch	LIANG, LUKE
<u>11506145</u>	Not Issued	30	08/17/2006	Night latch	LIANG, LUKE
<u>11601383</u>	Not Issued	25	11/17/2006	Adjustable window hinge	LIANG, LUKE
<u>11649729</u>	Not Issued	17	01/04/2007	Window sash latch	LIANG, LUKE